



Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W.VA.  
 Farm UNITED FUEL GAS CO. MIN.  
 Tract 1 Acres 22380 <sup>78 REF. 24659</sup> Lease No. 24659  
 Well (Farm) No. \_\_\_\_\_ Serial No. 8148  
 Elevation (Spirit Level) 1035.45'  
 Quadrangle HOLDEN-NC  
 County LOGAN District CHAPMANVILLE  
 Engineer Seibert A. Bevell  
 Engineer's Registration No. 2529  
 File No. 34-33 Drawing No. \_\_\_\_\_  
 Date 8-25-53 Scale 1"=400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. LOG-366

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

6-6 245 Deepwell



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Halden*

WELL RECORD

Permit No. LOG-366

Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS COMPANY  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm U. F. G. Co. Min. Tr. #1 Acres 22,388.78  
Location (waters) Smokehouse Fork  
Well No. 8148-P.I. Elev. 1035.45  
District Chapmansville County Logan  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by 1/2 U. F. G. Co. & Lloyd G. Jackson - Hamlin, Address W. Va.  
Drilling commenced 10-26-53  
Drilling completed 12-19-53  
Date acidized 12-30-53 From \_\_\_\_\_ To \_\_\_\_\_  
With 2,000 gallons  
Open Flow 15# / 10ths Merc. in thru 2" opening Inch  
Volume 2,718,000 Cu. Ft.  
Rock Pressure 348 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 385' feet  
Salt water 860' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			Anchor
10		20'	Size of
8 1/2		620'	3"x7"x16"
7 1/2		1593'	Depth set
5 3/16			1639'
3 1/2		1822'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	20	Water 385'	2 1/2	bailers per hour
Sand			20	30			
Slate			30	133	Water 860'		hole full
Sand			133	168			
Slate			168	173	Gas 1650'	4/10 W 2"	84 M
Sand			173	205			
Slate			205	393	Gas 1668'	4/10 W 1"	21 M
Sand			393	485			
Slate			485	530	Show oil 1650'		
Sand			530	560			
Slate			560	630	Gas 1743'	16/10 W 7"	20# 1,754 M
Sand			630	655			
Slate			655	780			
Sand			780	815	Test before acidized 9 1/4/10 W 2"		409 M
Slate			815	840	Acidized 12-30-53 with 2000 gal. acid.		
Salt Sand			840	905	Test after acidized 15# spring gauge		
Sand			905	925	thru 2" opening 2,718 M		
Sand			925	945			
Slate			945	1100			
Sand			1100	1130	FINAL OPEN FLOW -2,718 M - Big Lime		
Lime Shells			1130	1150	48 Hr. R.P. 348#		
Slate			1150	1175			
Sand			1175	1230			
Slate			1230	1260	Shut in 12-31-53 in 3" tubing.		
Sand			1260	1343			
Slate			1343	1355			
Red Rock			1355	1357			
Slate			1357	1387			
Red Rock			1387	1393			
Slate			1393	1467			
Lime Shells			1467	1502			
Maxon Sand			1502	1534			
Little Lime			1534	1556			
Pencil Cave			1556	1571			
Big Lime			1571	1754			
Red Injun			1754	1800			
Gray Injun			1800	1831			
Lime Shells			1831	1832			
Total depth			1832'				

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Halden

Permit No. LOG-366-D

WELL RECORD

DRILLED DEEPER

Oil or Gas Well Gas

(KIND)

Company UNITED FUEL GAS CO.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm U.F.G.Co. Min. Tr. #1 Acres 22,388.78  
Location (waters) Smokehouse Fork  
Well No. 8148 Elev. 1035.45  
District Chapmansville County Logan  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by United Fuel Gas Co.  
Address \_\_\_\_\_  
Drilling commenced 10-28-54  
Drilling completed 12-9-54  
Date Shot 12-13-54 From 2891 To 4037  
With 7266-2/3# Gelatin  
Open Flow 16 /10ths Water in 2 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 169,600 Cu. Ft.  
Rock Pressure 280 Casing lbs. 48 hrs.  
610 Tubing lbs. 48  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Hook Wall</u>
18			Size of
10			<u>3" x 5 1/2" x 16"</u>
8 1/4			Depth set
6 1/2	<u>1835'</u>		<u>1988</u>
5 3/4 x 1 1/2"			Perf. top
3 1/2		<u>1988'</u>	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Orig. T.D.			1832'				
Shell			1832	1900	Gas 2900' show		
Slate & Shells			1900	1945	Gas 2925' 2/10 W 1" 15 M		
Shell			1945	2000	Gas 2998-3018 4 1/2/10 W 1" 68 M blew down		
Slate & Shells			2000	2332	to 2 1/10 W 1" 55 M		
Brown Shale			2332	2377	Gas 3440-3446' 29/10 W 1" 57 M blew down		
Berea Shells			2377	2400	to 2 1/10 W 1" 52 M		
Slate & Shells			2400	2770	Gas 3890' 26/10 W 1" 54 M		
Shell			2770	2833			
Slate & Shells			2833	3307	Test before shot 2 1/10 W 1" 52 M		
Brown Shale			3307	3425	Shot 12-13-54 with 7266-2/3# Gelatin		
White Slate			3425	3446	from 2891-4037'		
Brown Shale			3446	3575	Test 1 hr. after shot 6/10 M 2" 381 M		
White Slate			3575	3890	Test 20 hrs. after shot 16/10 W 2" 169M		
Brown Shale			3890	4010			
Corniferous			4010	--	FINAL OPEN FLOW-169 M - Brown Shale		
Total depth			4037'		48 Hr. R.P 280# Casing		
					48 Hr. R.P 610# Tubing.		

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Shot in 12-20-54

4037  
1035  
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-3002

